

CLAIMS

I Claim:

- 1 1. An electronic instrument comprising:
2 a display for displaying a signal waveform;
3 a pointing device that allows a user to select locations on the display;
4 and,
5 logic within the electronic instrument that adjusts values for a
6 selected parameter of the displayed signal waveform based on locations on
7 the display selected by the user using the pointing device.
- 1 2. An electronic instrument as in claim 1 wherein the pointing device
2 is at least one of the following:
3 a mouse;
4 a trackball;
5 a touchpad;
6 a touchscreen;
7 cursor keys.
- 1 3. An electronic instrument as in claim 1 wherein the selected
2 parameter is at least one of the following:
3 start location;
4 stop location;
5 center location;
6 displayed span;
7 zoom in;

8 zoom out;
9 trace marker;
10 peak marker;
11 threshold level;
12 full span.

1 4. An electronic instrument as in claim 1 additionally comprising:
2 a menu displayable on the display that lists possible selected
3 parameters.

1 5. An electronic instrument as in claim 1 additionally comprising:
2 a menu displayable on the display that allows the user to select
3 parameters.

1 6. An electronic instrument as in claim 1 additionally comprising:
2 a pull down menu displayable on the display that allows the user to
3 select parameters.

1 7. An electronic instrument as in claim 1 additionally comprising:
2 a pull down menu displayable on the display that allows the user to
3 select parameters, the pull down menu, when closed, displaying the selected
4 parameter.

1 8. An electronic device as in claim 1 wherein the logic adjusts values
2 for the selected parameter of the displayed signal waveform as the user
3 makes a dragging selection using the pointing device.

1 9. A method comprising:

2 (a) displaying a signal waveform on a display; and,

3 (b) performing the following substep in response to a user using a
4 pointing device to select a location on the display:

5 (b.1) adjusting values for a selected parameter of the displayed
6 signal waveform based on locations on the display selected by the user using
7 the pointing device.

1 10. A method as in claim 9 wherein in step (b) the pointing device is at
2 least one of the following:

3 a mouse;

4 a trackball;

5 a touchpad;

6 a touchscreen;

7 cursor keys.

1 11. A method as in claim 9 wherein in substep (b.1) the selected
2 parameter is at least one of the following:

3 start location;

4 stop location;

5 center location;

6 displayed span;
 7 zoom in;
 8 zoom out;
 9 trace marker;
 10 peak marker;
 11 threshold level;
 12 full span.

1 12. A method as in claim 9 additionally comprising:
 2 displaying a menu that lists possible selected parameters.

1 13. A method as in claim 9 additionally comprising:
 2 displaying a menu that lists possible selected parameters; and,
 3 changing the selected parameter in response to a user selection.

1 14. A method as in claim 9 additionally comprising:
 2 displaying a pull down menu that lists possible selected parameters;
 3 and,
 4 in response to a user selection, changing the selected parameter; and,
 5 displaying the selected parameter upon the pull down menu being
 6 closed.

1 15. A method as in claim 9 additionally comprising:
 2 adjusting values for the selected parameter of the displayed signal
 3 waveform as the user makes a dragging selection using the pointing device.

1 16. Storage media for storing software which when run on a device
2 that has computing capability performs a method comprising:

3 (a) displaying a signal waveform on a display; and,

4 (b) performing the following substep in response to a user using a
5 pointing device to select a location on the display:

6 (b.1) adjusting values for a selected parameter of the displayed
7 signal waveform based on locations on the display selected by the user using
8 the pointing device.

1 17. Storage media as in claim 16 wherein in step (b) the pointing
2 device is at least one of the following:

3 a mouse;

4 a trackball;

5 a touchpad;

6 a touchscreen;

7 cursor keys.

1 18. Storage media as in claim 16 wherein in substep (b.1) the selected
2 parameter is at least one of the following:

3 start location;

4 stop location;

5 center location;

6 displayed span;

7 zoom in;

8 zoom out;
9 trace marker;
10 peak marker;
11 threshold level;
12 full span.

1 19. Storage media as in claim 16 wherein the method additionally
2 comprises:

3 displaying a menu that lists possible selected parameters; and,
4 changing the selected parameter in response to a user selection.

1 20. Storage media as in claim 16 wherein the method additionally
2 comprises:

3 adjusting values for the selected parameter of the displayed signal
4 waveform as the user makes a dragging selection using the pointing device.